

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC
WATERS OF THE STATE OF NEVADADate of filing in State Engineer's Office AUG 18 2003

Returned-to applicant for correction _____

Corrected application filed _____

Map filed MAY 27 1981 under 43574

The applicant **Borealis Mining Company** hereby makes application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association give names of members.) **Incorporated on June 5, 2003, State of Nevada**

1. The source of the proposed appropriation is **an underground source**
2. The amount of water applied for is **0.735 cfs not to exceed 98.3 mga second feet.**
 - (a) If stored in reservoir give number of acre-feet
3. The water to be used for **mining, milling and domestic purposes**
4. If use is for:
 - (a) Irrigation, state number of acres to be irrigated
 - (b) Stockwater, state number and kind of animals to be watered
 - (c) Other use (describe fully under No. 12. "Remarks")
 - (d) Power:
 - (1) Horsepower developed
 - (2) Point of return of water to stream
5. The water is to be diverted from its source at the following point **within the NW¼ SE¼ Section 28, T6N, R29E, at a point from which the NW corner of Section 21, T6N, Range 29E, M.D.B.&M. bears N 22° 40'00" W a distance of 8675.0 feet**
6. Place of Use **Within Sections 8, 9, 16, and 17, T6N, R29E, M.D.B.&M.**
7. Use will begin about **January 1** and end about **December 31** of each year.
8. Description of proposed works **drilled encased well, submersible pump and motor, pipeline to storage reservoir and distribution system.**
9. Estimated cost of works **\$50,000**
10. Estimated time required to construct works **5 years**
11. Estimated time required to complete the application of water to beneficial use **5 years**
12. Remarks: **Water to be utilized for mining, milling and domestic purposes. This Application is a top filing on Permit 43575. Total combined duty of this application, and application filed simultaneously herewith not to exceed 98.3 mga. Estimated life of mine,**

and therefore use of water, approximately 10 years. Use map on file under Permit 43575

By s/Ross E. de Lipkau
P.O. Box 2790
Reno, NV 89505

Compared sg/am lt/gkl

Protested

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued under the provisions of NRS 533.371 for a finite period of time. This permit will expire on December 31, 2015 and all rights herein will revert back to the source. It is also understood that this right must allow for a reasonable lowering of the static water level. This well shall be equipped with a two (2) inch opening for measuring depth to water. If the well is flowing, a valve must be installed and maintained to prevent waste. A totalizing meter must be installed and maintained in the discharge pipeline near the point of diversion and accurate measurements must be kept of water placed to beneficial use. The totalizing meter must be installed before any use of water begins, or before the Proof of Completion of Work is filed. The State retains the right to regulate the use of the water herein granted at any and all times.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The well must be sealed with cement grout, concrete grout or neat cement from ground level to 100 feet.

The manner of use of water under this permit is by nature of its activity a temporary use and any application to change the manner of use granted under this permit will be subject to additional determination and evaluation with respect to the permanent effects on existing rights and the resource within the groundwater basin.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

Monthly records shall be kept of the amount of water pumped from this well and the records submitted to the State Engineer on a quarterly basis within 15 days after the end of each calendar quarter.

The total combined duty of water under Permits 70321, 70322 and 70323 shall not exceed 98.3 million gallons annually.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 0.735 cubic feet per second, but not to exceed 98.3 million gallons annually.

Work must be prosecuted with reasonable diligence and be completed on or before:
October 4, 2006

Proof of completion of work shall be filed on or before:
November 4, 2006

Water must be placed to beneficial use:
Permit Expires
December 31, 2015

Proof of the application of water to beneficial use:
Permit Expires
December 31, 2015

Map in support of proof of beneficial use shall be filed on or before:
N/A

IN TESTIMONY WHEREOF, I, HUGH RICCI, P.E.,

State Engineer of Nevada, have hereunto set

my hand and the seal of my office,

this 16th day of September A.D. 2005



State Engineer



